The University of Maryland Extension Agriculture and Food Systems and Environment and Natural Resources Focus Teams proudly present this publication for commercial vegetable and fruit industries.

“Special Meeting Announcement”           February 8, 2019

18th Annual Mid-Atlantic Women in Agriculture Regional Conference

February 13, 2019 Dover Downs Hotel & Casino Dover, Delaware
Registration at: https://2019womeninag.eventbrite.com
For further information, contact: Shannon Dill at sdill@umd.edu or (410) 822-1244

2019 Western Maryland Regional Fruit Meeting
Thursday, February 14, 2019

The annual WMREC Fruit School provides information related to commercial tree and small fruit production. University and industry experts present information on pesticide updates and cultural practices. We will have Drs. Mengjun Hu, Kelly Hamby, and Laura Nixon USDA Visiting Scientist on the management of fruit diseases and insects among other valuable presentations. Please see the attached for the complete program and registration information.

There will be the annual pesticide and nutrient management recertification updates and plenty of opportunities for input and questions from the industry.

This meeting will be held at the University of Maryland Western Maryland Research & Education Center (WMREC), 18330 Keedysville Road, Keedysville, Maryland. The registration fee is $40 and includes lunch, refreshments, access to vendors, and program materials. Doors open at 8:30 a.m. The actual program will be from 9:00 a.m. to around 4:00 p.m. Contact: Susan Barnes at 301-432-2767 x301 or sbarnes6@umd.edu.

Registration form:
https://extension.umd.edu/sites/extension.umd.edu/files/_docs/programs/viticulture/REGISTRATIONFORM.pdf

On line registration at: Click Here
2019 Bay Area Fruit School
February 22, 2019
Bay Area Fruit School
Friday, February 22, 2019
8:30 - 3:00 at the Wye Research and Education Center
124 Wye Narrows Drive Queenstown MD 21658

Topics:
Why Herbicides Fail
Soil-borne Diseases in Fruit Orchards
Drivers of Honey Bee Losses
Late Season Fruit Rot Control in Grapes
Tree Fruit Disease Management in a Very Wet Year
Performance of Late-planted Day-neutral Strawberries in Low-tunnels
Basics of Strawberry Disease Management

Register:
Online at https://2019fruitschool.eventbrite.com/
Over the phone by calling (410) 827-8056
By mailing in the registration form located on the attached Brochure.

H-2A Worker Employer Compliance Webinar
February 26th at Noon

H-2A employers are subject to strict and complex recordkeeping requirements related to how they pay both H-2A and non-H-2A workers. Tune into this webinar for a review of the numerous compliance obligations of H-2A employers and learn about some newly created resources meant to help employers fully comply with the law. Presenters will include Sarah Everhart, Managing Director of the Agriculture Law Education at the University of Maryland Francis K. Carey School of Law and Merlin Williams, State Rural Services Coordinator, Maryland Department of Labor, Licensing & Regulation.

Join Merlin Williams, DLLR and Sarah Everhart, ALEI for a webinar on H-2A Worker Employer Compliance. The webinar is scheduled for February 26th at noon.
Registration link https://www.eventbrite.com/e/h-2a-employer-compliance-webinar-tickets-54975696789

FOOD SAFETY TRAINING FOR FSMA
PRODUCE SAFETY RULE COMPLIANCE

Food Safety Modernization Act’s Produce Safety Rule (PSR) Grower Trainings
The first training will be held in Leonardtown on Feb 11 and the second will be held in Frederick on Feb 20. The PSR requires all farms subject to the law to have at least one supervisor or responsible party attend a grower training. After these trainings, the next scheduled PSR training is December 11, 2019 at University of Maryland Eastern Shore. Anyone with questions, please feel free to contact me.

Who Should Attend?
Those growers who are interested in learning about produce safety, who need to comply with the Food Safety Modernization Act Produce Safety Rule, who need to satisfy buyer requirements, and/or who need to maintain a food safety certification.

What Will You Get from Attending?
• A better understanding of produce food safety
• Insight into the Produce Safety Rule requirements and the Maryland Department of Agriculture’s role
• Training certificate required by FDA to comply with the Produce Safety Rule
• Resources to help comply with the Produce Safety Rule
Upcoming Good Agricultural Practices for Fruits and Vegetables Trainings

UMD, UME and MDA are offering the following courses on food safety for fruit and vegetable growers:

- **Basic GAP** on February 25, 2019 at the Wye Research and Education Center
- **Advanced GAP** on February 27, 2019 at MDA in Annapolis, MD
- **Basic GAP** on March 18, 2019 at the Baltimore City Extension Office

For details on the courses and registration, see attachments.

Developing Marketing Plans and Strategies

Prince George's County Soil Conservation District
5301 Marlboro, Race Track Rd
Upper Marlboro, MD
February 16, March 16, April 27

To register click [HERE](#)!

See the Attachments!

1. 2019 WMREC Fruit Meeting
2. 2019 Bay Area Fruit School Flier
3. Gap Trainings

**Vegetable & Fruit News**

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Editor,
R. David Myers, Extension Educator
Agriculture and Natural Resources
97 Dairy Lane
Gambrills, MD 21054
410 222-3906
myersrd@umd.edu

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Note: Registered Trade Mark® Products, Manufacturers, or Companies mentioned within this newsletter are not to be considered as sole endorsements. The information has been provided for educational purposes only.
Directions to the Western Maryland Research & Education Center (WMREC)
18330 Keedysville Road
Keedysville, MD 21756
301-432-2767
http://www.extension.umd.edu/wmrec

From I-70:
Take Exit 29 to Route 65 South (Sharpsburg Pike).
Travel south on Route 65 for approximately 7 miles.
Keedysville Road will be on your left. Travel on
Keedysville Road for approximately 1 mile and the sign
to WMREC will be on the left.

From Boonsboro:
Take Route 34 West at the stoplight in Boonsboro.
Travel for 3.5 miles. Turn right onto Keedysville Road
and travel 2.4 miles. The WMREC entrance will be on
the right, just past University Road.

Snow Date
In the case of severe weather, call our main line
301-432-2767. A message will be listed by 7:00 a.m.
stating the status of the meeting.

Accommodations / Assistance
Our facility is handicap accessible. Please contact
us if you need special assistance.

Questions?
Call Susan Barnes 301-432-2767 x301
or e-mail sbarnes6@umd.edu

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 criminate against anyone because of race, age, sex, color, sexual orientation,
 physical or mental disability, religion, ancestry, or national origin, marital status,
 genetic information, or political affiliation, or gender identity and expression.
MORNING SESSION

8:30 Registration & Continental Breakfast

9:00 Introduction & Overview of Program
Dr. Joseph Fiola, Specialist in Viticulture and Small Fruit, University of Maryland Extension (UME), WMREC, Keedysville, MD.

9:10 Nutrient Management Update & Recertification
Keith Potter, Nutrient Management Specialist, MD Department of Agriculture, Cumberland, MD.

9:40 Pesticide Regulatory Update & Recertification
Russ Noratel, Certification, Training and Licensing Coordinator (Acting), Agricultural Inspector Advanced, Maryland Department of Agriculture, Pesticide Regulation Section, Annapolis, MD.

10:10 Break & Visit Displays

10:30 WMREC Projects Update
Bryan R. Butler Sr., Extension Agent, University of Maryland Extension-Carroll County, Westminster, MD

11:10 Implementation and Adaption of the Strawberry Advisory System in the Mid-Atlantic
Dr. Mengjun Hu, Assistant Professor, Small Fruit Pathologist, University of Maryland, College of Agriculture and Natural Resources, Plant Science & Landscape Architecture, College Park, MD

11:35 Why Herbicides—Sometimes will Fail
Ronald David Myers, University of Maryland Extension Educator—Anne Arundel County, Gambrills, MD

12:05 Lunch and Visit Displays

AFTERNOON SESSION

1:00 MSHS & Maryland Apple Promotion Board Update
Ben Butler or John Fendrick, President, Maryland State Horticultural Society, Butler's Orchard, Germantown, MD.; Bill Gardenhour, Apple Promotion Board Update, Gardenhour Orchards, Inc., Smithsburg, MD.

1:15 Basic and Applied Approaches to Manage Fungicide Resistance
Dr. Mengjun Hu, Assistant Professor, Small Fruit Pathologist, University of Maryland, College of Agriculture and Natural Resources, Plant Science & Landscape Architecture, College Park, MD

1:50 Spotted Lantern Fly—Risk for Fruit Growers
Dr. Joseph Fiola, Specialist in Viticulture and Small Fruit, UME, WMREC.

2:20 Break & Visit Displays

2:35 Small Fruit Insect Management Updates
Dr. Kelly Hamby, Assistant Professor and Extension Specialist in Entomology, Department of Entomology, University of Maryland, College Park, MD; Arielle Arsenault-Benoit Research Technician, Margaret Lewis, Ph.D. Student, University of Maryland, College Park.

3:05 Update on Management of Apple Maggot, SWD and SLF
Laura Nixon, Visiting Scientist and Tracy Leskey, Research Scientist, Entomology, USDA-ARS Appalachian Fruit Research Station, Kearneysville, WV

3:40 New Apple Varieties, Fruit Maturity and Fruit Quality
Dr. Chris Walsh, University of Maryland, Department of Plant Science and Landscape Architecture, College Park, MD

4:15+ Discussion Questions, Comments, Pesticide and Nutrient Management Recertification, Program Evaluation, and Adjourn

Registration cost is $30 per person ($40 after 2/7/19), which includes program materials, morning refreshments and lunch. Attendance at this meeting qualifies as recertification for individuals possessing a current and valid Private Maryland Pesticide Applicator’s license and to receive Continuing Education Units (CEU’s) for Nutrient Management.
In the case of inclement weather, please call 410-827-8056 after 6:30am for an announcement of any weather related closings of the WREC.

If you require special assistance to attend this program, contact Stephanie Jackson no later than February 8, 2019.

The University of Maryland Extension programs are open to any person and will not discriminate against anyone because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry, national origin, marital status, genetic information, political affiliation, and gender identity or expression.
Agenda

8:30am **Registration**  
Coffee & Donuts

9:00am **Welcome/Program Overview**  
Michael Newell, Wye Research and Education Center

9:10am **Spotted Winged Drosophila (SWD)/fungal pathogen interactions and update on the Spotted lanternfly**  
Maggie Lewis PhD student, Hamby Lab, UMD Department of Entomology

9:40am **UMD & USDA Focus on Strawberry Flavor**  
Kim Lewers PhD, USDA-ARS, Research Geneticist

10:10am **Break**

10:20am **Late-planting of day neutral strawberries using low tunnel and open bed regimes**  
Naveen Kumar PhD, UMES, Assistant Professor of Horticulture and Extension Specialist

11:00am **Why herbicides will sometimes fail**  
Dave Myers, UME, Principal Agent, Anne Arundel County

11:30am **2018 Season surprises: Tree fruit soil-borne diseases for the grower radar**  
Kari Peter PhD, Penn State University, Assistant Research Professor, Tree Fruit Pathology

12:00pm Lunch

1:00pm **Optimizing tree fruit disease management strategies for a very wet season**  
Kari Peter PhD, Penn State University, Assistant Research Professor, Tree Fruit Pathology

1:30pm **Drivers of honey bee losses**  
Dennis van Engelsdorp PhD, UMD Associate Professor, Department of Entomology

2:00pm **Basics of strawberry disease management and late-season fruit rot in grape**  
Mengjun Hu PhD, Assistant Professor, Small Fruit Pathology, UMD PSLA

2:30pm **Pesticide “Hot Topics” for 2019**  
Maryland Department of Agriculture Representative

3:00pm **Adjourn**

The completion of this program will qualify for:

- 4.5 total CCA credits: 3.5 credits for pest management and 1 credits for crop management

- 8 total Pesticide credits for Ag-Plant (1A) and Research and Demonstration (10).

For registration, contact:  
Stephanie Jackson (sjacks@umd.edu) at (410) 827-8056

For additional meeting information, contact:  
Mike Newell at (410) 827-7388, (mnewell@umd.edu)

***Please note:***  
A limited quantity of the 2019 MD Commercial Orchard Spray Guide will be available for $17.00 each the morning of the event - CASH or CHECK ONLY.

2019 Bay Area Fruit School  
February 22, 2019  
Registration Form

Register Online at:  
https://2019fruitschool.eventbrite.com

Or register by mail using the below form:

Name(s):

Affiliation/Farm:

Address:

Phone:

E-Mail:

Please register by mail, phone, or email NO LATER THAN FEBRUARY 15, 2019.  
Registration fee is $25.00 (includes coffee/donuts and lunch). Make check payable to the University of Maryland and mail to:

Attn: S. Jackson, WREC  
P.O. Box 169  
Queenstown, MD 21658

**Credit Card payments can only be made through Online Registration at the link above**
BASIC GOOD AGRICULTURAL PRACTICES (GAP) COURSE

Who Should Attend?
Those growers who are interested in learning about produce safety, who need to satisfy buyer requirements, and/or who need to maintain a food safety certification.

What Will You Get from Attending?
- Practice conducting risk analyses and writing Standard Operating Procedures
- Help writing a food safety plan
- Insight into the FSMA Produce Safety Rule
- Information about current food safety research
- MDA GAP training certificate

Monday Feb. 25, 2019
Registration - 8:30 AM
Course 9:00 AM to 4:00PM

Wye Research and Education Center 124 Wye Narrows Dr.
Queenstown, MD 21658

To Register:
https://www.eventbrite.com/e/basic-good-agricultural-practices-gap-training-2252019-tickets-55603390237

$20 covers training, materials, food, and training certificate

QUESTIONS?
David Martin
dmarti@umd.edu
Deanna Baldwin
Deanna.baldwin@maryland.gov
(410) 841-5769
ADVANCED GOOD AGRICULTURAL PRACTICES (GAP) COURSE

Who Should Attend?
Those growers who already have a food safety plan and are interested in improving their food safety practices, complying with the Produce Safety Rule and/or achieving USDA Harmonized or Harmonized Plus certification.

What Will You Get from Attending?

- Updates on the Produce Safety Rule and Compliance Resources
- Conducting Food Safety Risk Assessments
- Sanitary Design/Cleaning and Sanitizing Equipment
- Romaine outbreak – Cause and economic impact
- USDA Harmonized and Harmonized Plus GAP requirements
- MDA training
- GAP certificate

Wednesday
February 27, 2019
Registration - 8:30 AM
Course 9:00 AM to 3:30 PM

MDA Headquarters
Lower Level Conference Rooms
50 Harry S. Truman Pkwy
Annapolis, MD 21401

To Register:
https://www.eventbrite.com/e/advanced-good-agricultural-practices-2272019-tickets-55637430051

$10 covers training, materials, food, and training certificate

QUESTIONS?
David Martin
dmarti@umd.edu
Deanna Baldwin
Deanna.baldwin@maryland.gov
(410) 841-5769
BASIC GOOD AGRICULTURAL PRACTICES (GAP) COURSE

Who Should Attend?
Those growers who are interested in learning about produce safety, who need to satisfy buyer requirements, and/or who need to maintain a food safety certification.

What Will You Get from Attending?
- Practice conducting risk analyses and writing Standard Operating Procedures
- Help writing a food safety plan
- Insight into the FSMA Produce Safety Rule
- Information about current food safety research
- MDA GAP training certificate

Baltimore City Extension Office is at 6615 Reisterstown Road, in the Blue Ocean building. We’re across the road from “The Reisterstown Road Plaza” shopping center. If anyone in your group is using public transit, we are near the Reisterstown Road Metro Plaza and on bus routes 53, 59, 58, and 60. If you are driving from the east, the best visual cue for our driveway is a Burger King followed by a sign for “DaVita Dialysis.” From the west there you’ll see a Checkers on the right-hand side of the road, and there is a left turn lane into our parking lot directly across from it. The parking lot is behind the building. If it’s full, we’re also allowed to park in the lot of the apartment complex next door. You can reach that by leaving our parking lot and making two rights. And if things get really busy, the mall parking lot across the street is a third option. The entrance to our office is at the back of the building. There are two entrances with awnings. Extension is through the entrance on the right, then up on the second floor.

Monday March 18, 2019
Registration - 8:30AM
Course 9:00 AM to 4:00PM

Baltimore City Extension Office
6615 Reisterstown Road
Suite 201
Baltimore, MD 21215

To Register:
https://basicgapmar18.eventbrite.com/

$20 covers training, materials, food, and training certificate

QUESTIONS?
David Martin
dmarti@umd.edu
Deanna Baldwin
Deanna.baldwin@maryland.gov
(410) 841-5769

If you have any trouble finding us please call our front desk at 410-856-1850. If you wait through the message it should ring through to the front desk.